

CLAIMS

What is claimed is:

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1. A wireless PDA device, comprising:
a PDA device;
a wireless front end in communication with said PDA device;
a reminder application to run on said PDA device; and
a proximity detector in communication with said reminder
application;
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- wherein a reminder in said reminder application is triggered
by a detected proximity to another wireless PDA device relevant to said
reminder.
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2. The wireless PDA device according to claim 1, wherein:
said wireless front end is a piconet front end.
3. The wireless PDA device according to claim 2, wherein:
said piconet front end is a BLUETOOTH front end.
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4. The wireless PDA device according to claim 1, further
comprising:
a proximity reminder table, in communication with said
reminder application, to associate other wireless PDA devices with
specific reminder tasks.
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5. The wireless PDA device according to claim 4, wherein
said proximity reminder table comprises:
an entry associating a particular wireless PDA device with a
desire to output an alert when said wireless PDA device becomes
30 proximate to said particular wireless PDA device.

6. The wireless PDA device according to claim 5, wherein said proximity reminder table further comprises:

an option to automatically cancel said output of said alert
5 when said particular PDA device is proximate to said wireless PDA device.

7. The wireless PDA device according to claim 6, wherein said proximity reminder table further comprises:

10 a date/time for said reminder alert;
wherein said option to automatically cancel said output allows cancellation of said alert only within a range of time of said date/time for said reminder alert.

15 ~~8.~~ A method of providing a reminder alert from a first wireless PDA device, comprising:

detecting a proximity between said first PDA device and a second wireless PDA device; and

20 providing a reminder alert based on said detected proximity between said first wireless PDA device and said second wireless PDA device.

9. The method of providing a reminder alert from a first wireless PDA device according to claim 8, wherein:

25 said proximity is inferred by a presence of said second wireless PDA device on a local network including said first wireless PDA device.

30 10. The method of providing a reminder alert from a first wireless PDA device according to claim 9, wherein:

said local network is a piconet network.

11. The method of providing a reminder alert from a first wireless PDA device according to claim 10, wherein:

5 said piconet network conforms to a BLUETOOTH standard.

~~12. A method of providing a proximity alert to a first user of a first PDA device, comprising:~~

10 creating a reminder relevant to a second user of a second PDA device;

 detecting a proximity of said second PDA device to said first PDA device; and

15 providing a reminder alert from said first PDA device based on a detected proximity of said second PDA device to said first PDA device.

13. The method of providing a proximity alert to a first user of a first PDA device according to claim 12, wherein:

20 said reminder alert is an audible alert.

14. The method of providing a proximity alert to a first user of a first PDA device according to claim 12, wherein said detecting proximity comprises:

25 determining a presence of said second PDA device in a local wireless network including a presence of said first PDA device.

15. The method of providing a proximity alert to a first user of a first PDA device according to claim 12, wherein said detecting proximity comprises:

- 5 measuring a first set of location coordinates of said first PDA device;
- measuring a second set of location coordinates of said second PDA device;
- determining a distance between said first set of location coordinates and said second set of location coordinates; and
- 10 comparing said determined distance to a threshold proximity distance.

~~16. Apparatus for providing a reminder alert from a first wireless PDA device, comprising:~~

- 15 means for detecting a proximity between said first PDA device and a second wireless PDA device; and
- means for providing a reminder alert based on said detected proximity between said first wireless PDA device and said second wireless PDA device.

20 17. The apparatus for providing a reminder alert from a first wireless PDA device according to claim 16, wherein:

- said means for detecting said proximity infers said proximity by a presence of said second wireless PDA device on a local network
- 25 including said first wireless PDA device.

 18. The apparatus for providing a reminder alert from a first wireless PDA device according to claim 17, wherein:

- said local network is a piconet network.

19. The apparatus for providing a reminder alert from a first wireless PDA device according to claim 16, wherein:

said piconet network conforms to a BLUETOOTH standard.

5 ~~20. Apparatus for providing a proximity alert to a first user of a first PDA device, comprising:~~

~~means for creating a reminder relevant to a second user of a second PDA device;~~

10 ~~means for detecting a proximity of said second PDA device to said first PDA device; and~~

~~means for providing a reminder alert from said first PDA device based on a detected proximity of said second PDA device to said first PDA device.~~

15 21. The apparatus for providing a proximity alert to a first user of a first PDA device according to claim 20, wherein:

said means for providing said reminder alert provides an audible alert.

20 22. The apparatus for providing a proximity alert to a first user of a first PDA device according to claim 20, wherein said detecting proximity comprises:

25 ~~means for determining a presence of said second PDA device in a local wireless network including a presence of said first PDA device.~~

A) 23. The apparatus for providing a proximity alert to a first user of a first PDA device according to claim 20, wherein said detecting proximity comprises:

5 means for measuring a first set of location coordinates of said first PDA device;

means for measuring a second set of location coordinates of said second PDA device;

means for determining a distance between said first set of location coordinates and said second set of location coordinates; and

10 means for comparing said determined distance to a threshold proximity distance.

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